```
conv([1 1],[1 4])
```

```
ans = 1x3
     1     5     4
```

```
roots([1 5 4])
```

```
ans = 2x1
    -4
    -1
```

```
G = tf(4, [1 5 4])
```

```
G =

        4
  -------------
  s^2 + 5 s + 4

Continuous-time transfer function.
```

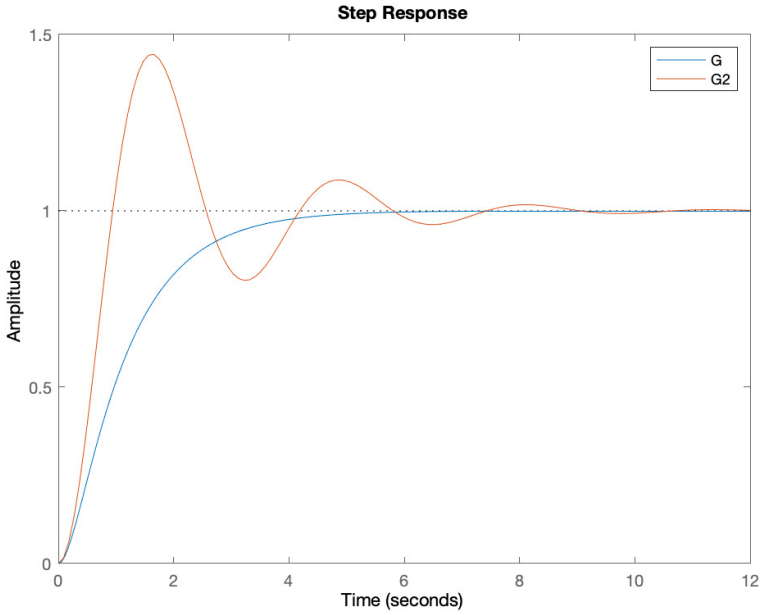
```
G2 = tf(4, [1 1 4])
```

```
G2 =

       4
  -----------
  s^2 + s + 4

Continuous-time transfer function.
```

```
step(G,G2);legend('G','G2')
```


Step Response
G
G2
Amplitude
Time (seconds)
0
0.5
1
1.5
0
2
4
6
8
10
12